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Substitute for form 1449/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

**Complete if Known**

Application Number	10/761,557
Filing Date	01/21/04
First Named Inventor	D. James Surmeier, e
Art Unit	1635
Examiner Name	Chong
Attorney Docket Number	NWESTERN-08739

Sheet 1 of 3

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
KC	1	Rudy, B. & McBain, C. J. TINS 24, 517-26 (2001).	
	2	Coetzee, W. A. et al., Ann N Y Acad Sci 868, 233-85 (1999).	
	3	Brew, H. M. & Forsythe, I. D. J Neurosci 15, 8011-22 (1995)	
	4	Du, J., Zhang, L., Weiser, M., Rudy, B. & McBain, C. J., Neurosci 16, 506-18 (1996).	
	5	Lenz, S., Perney, T. M., Qin, Y., Robbins, E. & Chesselet, M. F., Synapse 18, 55-66 (1994).	
	6	Weiser, M. et al., J Neurosci 14, 949-72 (1994).	
	7	Weiser, M. et al., J Neurosci 15, 4298-314 (1995).	
	8	Martina, M., Schultz, J. H., Ehmke, H., Monyer, H. & Jonas, P., J Neurosci 18, 8111-25 (1998).	
	9	Baranauskas, G., Tkatch, T. & Surmeier, D. J., J Neurosci 19, 6394-404 (1999).	
	10	Erisir, A., Lau, D., Rudy, B. & Leonard, C. S., J Neurophysiol 82, 2476-89 (1999).	

Examiner Signature		Date Considered	2/14/06
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KC	11	Wigmore, M. A. & Lacey, M. G., J Physiol 527 Pt 3, 493-506 (2000).	
	12	Schroter, K. H. et al., FEBS Lett 278, 211-6 (1991).	
	13	Rettig, J. et al., Embo J 11, 2473-86 (1992).	
	14	Diochot, S., Schweitz, H., Beress, L. & Lazdunski, M., J Biol Chem 273, 6744-9 (1998).	
	15	Thompson, S., J Gen Physiol 80, 1-18 (1982).	
	16	Song, W. J. et al., J Neurosci 18, 3124-37 (1998).	
	17	Kofuji, P., Davidson, N. & Lester, H. A., Proc Natl Acad Sci U S A 92, 6542-6 (1995).	
	18	Sheng, M., Liao, Y. J., Jan, Y. N. & Jan, L. Y., Nature 365, 72-5 (1993).	
	19	Wang, H. S. et al., Science 282, 1890-3 (1998).	
	20	Abbott, G. W. et al., Cell 104, 217-31 (2001).	

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KC	21	Macica, C. M. & Kaczmarek, L. K., J Neurosci 21, 1160-8 (2001).	
	22	Murakoshi, H., Shi, G., Scannevin, R. H. & Trimmer, J. S., Mol Pharmacol 52, 821-8 (1997).	
	23	Rettig, J. et al., Nature 369, 289-94 (1994).	
	24	Surmeier, D. J., Bargas, J., Hemmings, H. C., Jr., Nairn, A. C. & Greengard, P., Neuron 14, 385-97 (1995).	
	25	Hamill, O. P., Marty, A., Neher, E., Sakmann, B. & Sigworth, F. J., Pflugers Arch 391, 85-100 (1981).	
	26	Yan, Z. & Surmeier, D. J., J Neurosci 16, 2592-604 (1996).	
	27	Tkatch, T., Baranauskas, G. & Surmeier, D. J., Neuroreport 9, 1935-9 (1998).	
	28	Rhodes, K. J. et al., J Neurosci 17, 8246-58 (1997).	

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